

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

1

of

1

## Complete if Known

Application Number	10/702,441
Filing Date	November 7, 2003
First Named Inventor	Gaelle BRUN
Art Unit	1611
Examiner Name	CHANNAVAJJALA, L. S.
Attorney Docket Number	05725.1257-00000

## U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS

Examiner Initials	Cite No.	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code (if known)			
	1	US 4,620,850	11-04-1986	Bachmann et al.	
	2	US 4,822,375	04-18-1989	Lang et al.	
	3	US 5,972,313	10-26-1999	Tuloup et al.	

**Note: Submission of copies of U.S. Patents and published U.S. Patent Applications is not required.**

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation
		Country Code Number Kind Code (if known)				
	4	WO 81/00811	04-02-1981	Wella Aktiengesellschaft		English Counterpart
	5	WO 02/072058	09-19-2002	Procter & Gamble		
	6	EP 0 293 837	12-07-1988	Sugiyama		
	7	EP 0 796 838	09-24-1997	L'Oréal		English Counterpart
	8	FR 2 595 245	09-11-1987	L'Oréal		English Counterpart
	9	JP 1-254677	10-11-1989	Hasegawa Co. LTD		Abstract

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation
	10	Kihara, N. et al., "Synthesis and Properties of Poly(hydroxyurethane)s," <i>Journal of Polymer Science: Part A: Polymer Chemistry</i> , Vol. 31, 2765-2773 (1993)	
	11	Takata, T. et al., "Recent Advantages in the Development of Expanding Monomers: Synthesis, Polymerization and Volume Change," <i>Prog. Polym. Sci.</i> , Vol. 18, 839-870 (1993)	
	12	Takata, T., "Cyclic carbonates, novel expandable monomers on polymerization," <i>Macromol. Rapid Commun.</i> , 18, 461-469 (1997)	
	13	Matsuo, J. et al., "Ring-Opening Polymerization of Cyclic Carbonates by Alcohol-Acid Catalyst," <i>Journal of Polymer Science: Part A: Polymer Chemistry</i> , Vol. 36, 2463-2471 (1998)	
	14	Matsuo, J. et al., "Cationic ring-opening polymerization behavior of an aliphatic seven-membered cyclic carbonate, 1,3-dioxepan-2-one," <i>Macromol. Chem. Phys.</i> , 199, 97-102 (1998)	
	15	Hitomi, M. et al., "Reversible crosslinking-decrosslinking of polymers having bicyclo orthoester moieties in the side chains," <i>Macromol. Chem. Phys.</i> , 200, 1268-1273 (1999)	
	16	Endo, T. et al., "Living Ring-Opening Polymerization Based on Neighboring Group Participation," <i>Macromol. Symp.</i> , 157, 21-28 (2000)	
	17	Endo, T. et al., "Novel Ring-Opening Polymerization and Its Application to Polymeric Materials," <i>Macromol. Symp.</i> , 159, 1-7 (2000)	
	18	Nemoto, N. et al., "Cationic Ring-Opening Polymerization of Cyclic Monothiocarbonates: Varying the Polymer Main Chain by Neighboring Group Participation," <i>Macromolecules</i> , 34, 7642-7647 (2001)	
	19	Kakimoto, K. et al., "Anionic Ring-Opening Polymerization of Cyclic Thiocarbonates Containing Norbornene and Norbornane Groups Undergoing Volume Expansion on Polymerization," <i>Chemistry Letters</i> , No. 2, 156-157 (2002)	

Examiner  
Signature

Date

Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicants